TETTENHALL
URBAN SANITARY AUTHORITY.

MEDICAL OFFICER OF HEALTH'S REPORT FOR 1897.

TETTENHALL DISTRICT COUNCIL.

MEDICAL OFFICER OF HEALTH'S REPORT FOR 1897.

14th ANNUAL REPORT.

Population Census, 1881	4636
„ „ 1891 (June)	5145
Population estimated by natural increase to June, 1897 ...	5520
Area in Statute Acres	1220
Inhabited Houses, 1881	940
„ „ 1891	1056
Tettenhall Local Board Constituted	1883
Adoption of Bye-laws	1887
„ Notification Act	1889
Sewerage Works commenced 1890, finished	1892
Isolation Hospital provided	1891
Public Scavenging inaugurated May	1897

TABLES.

A—Tables of Deaths.

B—Tables of Population, Births, and New Cases of Infectious Diseases.

C—Table of Epidemics from 1883 to 1897.

D—Table of Scarlet Fever.

E—Table of Sanitary Work.

MEDICAL OFFICER OF HEALTH'S REPORT FOR 1897.

To the Chairman of the Tettenhall District Council.

Sir,

During the year 1897 there were 130 Births and 66 Deaths.

The Population estimated to the middle of this year was 5520, an annual increase of 86 of Births over Deaths.

The Birth Rate was 23·5 and the Death Rate 11·9, while the Infant Mortality amounted to 115·5.

5 Deaths were from Whooping Cough or its complications; 5 from Diarrhœa; 1 from Rheumatic Fever; 4 from Consumption; 9 from Bronchitis or Pneumonia; 4 from Heart Disease; and 38 from other causes.

Of these last 38 Deaths 5 were uncertified, and stated to be Infants prematurely born, while there were 4 inquests with the usual verdicts.

8 Deaths from Cancer are certified, viz., 3 of Breast; the Brain being secondarily affected in one case. Cancer of the Liver, Jaw, Uterus, Rectum, and Pelvis, are recorded.

No Death from Infectious Disease has been recorded in the District.

Year	Population.	Births.	Deaths.	Birth Rate.	Death Rate.
1891	5145	135	62	26·2	12·0
1892	5239	128	68	24·2	12·9
1893	5314	154	77	28·9	14·9
1894	5344	142	69	26·5	12·9
1895	5385	132	110	24·5	20·4
1896	5434	148	58	27·2	10·6
1897	5520	130	66	23·5	11·9

Infectious Diseases. 20 cases of Infectious Diseases have been notified as compared with 96 in 1896. They were Scarlet Fever, 9; Diphtheria, 6; Typhoid, 1; Erysipelas, 4.

Scarlet Fever. 4 cases were removed to the Hospital and 5 treated at Home. It will be noticed that in the Scarlet Fever Table, 2 cases from the previous year had not been discharged at the beginning of 1897.

On October 19th, a Child from a shop in Waterwork's Lane was removed to the Hospital. On October 21st, a Boy at Tettenhall Wood contracted Fever from the School he attended in Wolverhampton. He was satisfactorily isolated at home, and three susceptible members of the family escaped infection. On October 23rd, a Private School at Tettenhall was closed through a member of the family owning the School contracting Fever.

On November 6th, Scarlet Fever was notified in a house in the Old Hill, Tettenhall, and treated at home, in a family prone to infection. Two days later, a Child was taken to the Hospital from the Upper Green, and another from Wrottesley Road. In the former case the children attended three different Schools, in the latter, the family had a shop in Wolverhampton. On November 26th, a Child from Red House Lane was taken to the Hospital.

On December 1st, Scarlet Fever attacked a Girl in a family who had a milk business. The case was treated at home, but the business transferred to another part of the village. The last case occurred on December 9th, when a man ill with Scarlet Fever was treated at home.

Relationship could not be traced in any of these cases except with the exercise of ingenuity.

Diphtheria. An isolated case was reported in each of the first four months of the year. On September 27th a doubtful case was notified from Tettenhall, and on December 27th a moderately severe case from the centre of the old epidemic in Tettenhall Wood. These apparently spasmodic cases, after an extensive epidemic, suggest the existence of hardened bacilli in unsuspected retreats.

A solitary and imported case of **Typhoid** was reported in August from the Wergs.

Measles. A Child attending the Tettenhall Schools, and living in Lime Street, contracted Measles in September, but at that time the disease was happily limited.

Five Deaths from **Whooping Cough** were recorded, chiefly among children living in the Smestow Valley.

Sanitary Work. The most important undertaking of the Sanitary Authority, since the Sewerage Scheme, was the Public Cleansing of Middens, which was adopted this year. The building of Stables and Cart Sheds was completed in the Spring, and **Public Scavenging** began on 10th May. Mr. Mortimer reports that from May to December, " 439 privies affecting 566 houses have been cleansed, and about 650 loads of house refuse and night-soil " have been removed.

The disposal of this manure will be a relief to the little back gardens, which have been embarrassed by too rich gifts of unassimilable compound.

During the year 321 inspections and observations have been made by the Inspector of Nuisances. Formal notices were given in 21 cases, and 238 nuisances were abated.

Water Mains have been extended 1,788 yards during the year, while 18 houses were connected with the Sewers, making a total of 1,c44 out of 1,056. Automatic Flushing Closets have been substituted for the old privies at the Tettenhall Wood Infant Schools, and a Sewer Ventilating Column put up at Stockwell End

Other work is summarised in Table E.

I am, Sir,

Your obedient Servant,

W. H. T. WINTER.

April, 1898.

Annual Report of Medical Officer of Health, 1897.

URBAN SANITARY DISTRICT OF TETTENHALL.

(A) Deaths Registered during the year 1897, showing also the Births therein during the year.

	Population		Registered Births.			Deaths from all causes at subjoined ages.								
						At all ages.								
	Census, 1891.	Estimated to middle of 1897.	Males.	Females.	Total.	Males.	Females.	Total.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.
Totals	5145	5520	60	70	130	27	39	66	15	5	2	1	22	21

Mortality from subjoined causes, distinguishing deaths of Children under 5 years of age.

	Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Fevers. Typhus.	Fevers. Enteric or Typhoid.	Fevers. Continued.	Fevers. Relapsing.	Fevers. Puerperal.	Cholera	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea or Dysentery.	Rheumatic Fever.	Ague.	Phthisis.	Bronchitis, Pneumonia, and Pleurisy.	Heart Disease.	Injuries.	All other Diseases.	Total.
Under 5 ...													4	4				4			8	20
5 and upwards													1	1	1		4	5	4		30	46

Annual Report of Medical Officer of Health, 1897.

URBAN SANITARY DISTRICT OF TETTENHALL.

B. New Cases of Infectious Sickness coming to the knowledge of the Medical Officer of Health during the year 1897, enumerating the Number of Houses Infected, the Total Number of Deaths, also the Number of Cases Treated and the Deaths that occured in the Infectious Hospital.

		Smallpox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus Fever.	Enteric Fever.	Continued Fever.	Relapsing Fever.	Puerperal Fever.	Cholera.	Erysipelas.	Measles.	Whooping Cough.
Houses Infected	20		9	6			1					4		
Total Cases reported among persons belonging to District	Under 5 ..		1	3										X
	5 & upwards		8	3			1					4		X
Total deaths reported among persons belonging to District	Under 5													
	5 & upwards													
Cases treated in Hospital among persons belonging to the District ..	Under 5													
	5 & upwards		4											
Deaths occurring in Hospital among persons belonging to District ...	Under 5..													
	5 & upwards													

X Prevalent

A COMPARATIVE TABLE OF EPIDEMICS FROM 1883—1897.

TABLE C.

	Smallpox.		Scarlet Fever. SEE TABLE D.		Diphtheria.		Typhoid.		Puerperal Fever		Measles.		Epidemic Influenza.	
Year.	No. of Cases	d'aths	No. of Cases	d'aths	No. of Cases	d'aths	No. of Cases	d'aths	No. of Cases	deaths.	No. of Cases	deaths.	No. of Cases	deaths.
1883			5		1									
1884	7	1	6				1				xx	2		
1885							1				5			
1886					1	1	1				115	5		
1887			1	1	1		8	3			34	5		
1888			2				1							
1889*											49	3	xx	
1890			16	1			3				86	1	xx	
1891			17				3	1	1		x	1	xx	
1892			14		6	2	6		1		3		x	
1893	1		29		1		6							
1894			46	3	12	5	2	1	1	1	40	3		
1895			24	1	60	15	2		1	1			x	3
1896			50	2	40	4	1						x	1
1897			9		6		1							
TOTALS.	8	1	219	8	128	27	36	5	4	2	332	21		4

NOTE.—A few cases x. Prevalent xx. Very Prevalent xxx.

* Adoption of Infectious Diseases Notification Act.

SCARLET FEVER.

TABLE D.

Year.	Rent of Hospital.	Charges for Board and Treatment in Hospital.	No. of days charged at 1/6	No. of days charged at 2/6	No. of Patients in Hospital.	Deaths in Hospital.	Patients not treated in Hospital.	No. of Deaths in Patients not treated in Hospital.
1892	£40	£16 2 6	215	—	4	—	10	—
1893	£40	£54 10 6	512	129	13	—	16	—
1894	£40	£61 17 6	728	33	17	2	29	1
1895	£40	£34 14 0	431	19	9	—	15	1
1896	£40	£151 12 6	975	629	32	2	18	—
1897	£40	£18 13 6	249	—	4	—	5	—